DOCUMENT RESUME

ED 313 014 IR 014 062

AUTHOR Richardson, Linda B., Comp.; And Others
TITLE Selecting, Evaluating and Creating Policies for Computer-Based Resources in the Behavioral Sciences and Education.
PUB DATE 26 Jun 89
NOTE 14p.; Collection of conference handouts from the American Library Association/Association of College and Research Libraries Education and Behavioral Sciences Section, Dallas, TX, June 26, 1989.
PUB TYPE Reference Materials - Bibliographies (131) -- Tests/Evaluation Instruments (160)

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Academic Libraries; *Computer Software; *Evaluation Criteria; Higher Education; *Library Material Selection; Microcomputers; Online Systems; *Optical Data Disks; *Reference Materials; Reference Services

ABSTRACT

This collection includes four handouts: (1) "Selection Critria Considerations for Computer-Based Resources" (Linda B. Richardson); (2) "Software Collection Policies in Academic Libraries" (a 24-item bibliography, Jane W. Johnson); (3) "Circulation and Security of Software" (a 19-item bibliography, Sara Elizabeth Williams); and (4) "Bibliography of Published Review and Selection Sources for Optical Disk and Computer Resources" (51 items, Kim Banks). A questionnaire for conference participants to rate the quality and relevancy of the presentation is also included. (MES)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

SELECTING, EVALUATING AND CREATING POLICIES FOR COMPUTER-BASED RESOURCES IN THE BEHAVIORAL SCIENCES AND EDUCATION

ALA ACRL Education and Behavioral Sciences Section
RASD Machine Assisted Reference Section
Annual Conference Program
Monday, June 26, 1989, Dallas, Texas

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
This document has been reproduced as received from the person or organization originating it.
Minor changes have been made to improve reproduction quality.
Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

ED313014

Selection Criteria Considerations for Computer-Based Resources

Compiled by Linda B. Richardson, Reference Librarian
Virginia Polytechnic Institute and State University

AUDIENCE

Who are we buying these products for--librarians or general public use?

DEMAND

Has the demand for this product been assessed?

SITE

Where will the products be located and used?

SPACE

Will the purchase of this product save space in the library--could a print version be discarded?

COST

Is the product reasonably priced, given its scope, the expected demand for it, and compared to availability of the information in other formats? Are all costs being considered including physical maintenance of the workstation--paper, ribbons or inkjets, discs plus the intellectual maintenance of the service--preparing documentation, consultation with users, staff training, etc.

FUNDING

Will funding come from traditional "book fund allocations" or from grants,etc.? Will the usage be free or do we charge for use of these resources?

IR014062

BEST COPY AVAILABLE

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
Nancy P.O'Brien
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

HARDWARE

Can products be run on library's hardware? Does the library intend to acquire necessary equipment? Is hardware provided by the vendor? Will products be used at another site, e.g. a university computer center or faculty office?

VENDOR

Is this a reliable producer and will it provide responsible support for its products? Is there a consistency in software and hardware requirements across products, which would be cost beneficial and more user friendly?

AVAILABILITY OF OTHER FORMATS

Is this product available in another format? Which is cheaper, easier to use, and more accessible? Is this product an improvement over other formats?

TIMELINESS

Is the time span covered adequate or is it updated frequently, given the nature of information covered?

ORGANIZATION OF MATERIALS IN PRODUCT

How many components, or discs or tapes comprise the product? What is the quality of the indexing?

EASE OF USE

What sort of features are included? Can patrons utilize the product efficiently? What is the response time? What is the nature of the search vocabulary? Is there good documentation? What sort of system is available--menu or command driven? Is there "on-line" help available?

SCOPE

Will selection decisions on computer-based products be consistent with library's existing collection development policies in assessing intellectual and subject content?

MONITORING USAGE

Will these products be available for unscheduled usage or will users have to make reservations? Will usage be available all hours the library is open, and who will monitor usage? How will the acquisition of theses products affect staffing?

HARDWARE

Can products be run on library's hardware? Does the library intend to acquire necessary equipment? Is hardware provided by the vendor? Will products be used at another site, e.g. a university computer center or faculty office?

VENDOR

Is this a reliable producer and will it provide responsible support for its products? Is there a consistency in software and hardware requirements across products, which would be cost beneficial and more user friendly?

AVAILABILITY OF OTHER FORMATS

Is this product available in another format? Which is cheaper, easier to use, and more accessible? Is this product an improvement over other formats?

TIMELINESS

Is the time span covered adequate or is it updated frequently, given the nature of information covered?

ORGANIZATION OF MATERIALS IN PRODUCT

How many components, or discs or tapes comprise the product? What is the quality of the indexing?

EASE OF USE

What sort of features are included? Can patrons utilize the product efficiently? What is the response time? What is the nature of the search vocabulary? Is there good documentation? What sort of system is available--menu or command driven? Is there "on-line" help available?

SCOPE

Will selection decisions on computer-based products be consistent with library's existing collection development policies in assessing intellectual and subject content?

MONITORING USAGE

Will these products be available for unscheduled usage or will users have to make reservations? Will usage be available all hours the library is open, and who will monitor usage? How will the acquisition of theses products affect staffing?

SELECTING, EVALUATING AND CREATING POLICIES FOR COMPUTER-BASED RESOURCES IN THE BEHAVIORAL SCIENCES AND EDUCATION

SOFTWARE COLLECTION POLICIES IN ACADEMIC LIBRARIES
A Brief Selected Bibliography

Prepared for the
ALA ACRL Education and Behavioral Sciences Section
RASD Machine Assisted Reference Section
Annual Conference Program
Monday, June 26, 1989, Dallas, Texas

by Jane W. Johnson

American Library Association. Reference Books Bulletin Editorial Board. "Microcomputers and Software: Selected Resources," Booklist 83: 691-94, January 1987.

Anderson, Eric. "Software Selection Considerations," Access: Microcomputers in Libraries 2: 3-7, July 1982.

Askey, J. "Criteria for Selecting Software." In The Microcomputer, the School Librarian and the Teacher. London: Bingley, 1987.

Brown, D.R. "Microcomputer Use in Academic Libraries," Catholic Library World 58: 132-34, November/December 1986.

Curtis, Howard (ed.). Public Access Microcomputers in Academic Libraries: The Mann Library Model at Cornell University. Chicago: American Library Association, 1987.

Demas, Samuel. "Microcomputer Software Collections," Special Libraries 76: 17-23, Winter 1985.

Dewey, P.R. "Public Access Micro Software." In Libraries in the Age of Automation. White Plains, NY: Knowledge Industry Publications, 1986.

Dudley, C.C. "Microcomputer Software Collection Development," Choice 23: 704-705, January 1986.

Duke, John Kenneth and Arnold Hirshon. "Policies for Microcomputers in Libraries: An Administrative Model," Information Technology and Libraries 5: 193-203, September 1986.

Ensign, David, et al. Copyright Handbook for Videotapes and Microcomputer Software. Topeka, KS: Kansas Library Network Board, 1988. (ERIC Document Reproduction Service No. ED 213 523)

Galloway, M.E., et al. "Expanding Universe of Special Formats: Some Local Strategies for Collection Development of Computer Software," College and Research Library News 47(10): 650-52, November 1986.

Lytle, Susan J. and Hal W. Hall. "Software Libraries and the Copyright Law," Library Journal 110: 33-39, July 1985.

Nollan, Richard. Microcomputer Software Policies in ARL Libraries, SPEC Kit 123. Washington, D.C.: Association of Research Libraries, 1986.

Office of Management Studies. Microcomputers, SPEC Kit 104. Washington, D.C.: Association of Research Libraries, 1984.

Paskoff, Beth M. "Microcomputer Software in Library Collections," Library Trends 37: 302-15, Winter 1989.

Piele, Linda J. "Circulating Microcomputer Software," Access: Microcomputers in Libraries 2(4): 3-4, 20-22, October 1982.

Piele, Linda J. "Selecting Software for Microcomputer Centers," Wilson Library Bulletin 60(10): 23-26, June 1986.

Quint, Barbara, et al. "Technology to Serve Our Users," Wilson Library Bulletin 60(10): 14-29, June 1986.

Reed, Mary Hutchings and Debra Stanek. "Library and Classroom Use of Copyrighted Videotapes and Computer Software," American Libraries 17(2): A-D, February 1986.

Sheldon, Pamela. "Microcomputer Centers in Academic Libraries: Part I," Small Computers in Libraries 4(3): 6-9, March 1984.

Sheldon, Pamela. "Microcomputer Centers in Academic Libraries: Part II," Small Computers in Libraries 4(4): 7-9, April 1984.

Swigger, Keith. "Relating Software to Instruction: Problems and Resources in Software Selection and Evaluation," Collection Management 7(3/4): 281-94, Fall/Winter 1985/86.

Walch, David B. "The Circulation of Microcomputer Software in Academic Libraries and Copyright Implications," Journal of Academic Librarianship 10(5): 262-66, November 1984.

York, Charlene C. "Optical Disk Products in the Collection Development Policy," CD-ROM Librarian 3(8): 16-18, September 1988.

CIRCULATION AND SECURITY OF SOFTWARE

A Brief Selected Bibliography

Prepared for the ALA ACRL Education and Behavioral Sciences Section/RASD Machine Assisted Reference Section
Annual Conference Program

Monday, June 26, 1989, Dallas, Texas

by
Sara Elizabeth Williams

"Appendix: Documents Related to the Development of the Software Library." In Public Access Microcomputers in Academic Libraries. Chicago: American Library Association, 1987, pp. 199-203.

Association of Research Libraries. Office of Management Studies. Microcomputer Software Policies in ARL Libraries. Chicago: ARL-OMS, 1986.

Cargill, Jennifer S. and Brian Alley. "Circulating Software: A Report From Minneapolis Public Library." Technicalities, 5 (Feb. 1985), p. 15.

"Computer Software." In The Information Professions in the Electronic Age. Ed. J. Gurnsey. London: Bingley, 1985, pp. 120-130.

Daniel, E. H. and C. I. Notowitz. Media and Microcomputers in the Library: A Selected, Annotated Resource Guide. Phoenix: Oryx Press, 1984.

Denning, P. J. "Computer Viruses." American Scientist, 76 (May-June 1988), pp. 236-238.

Dewey, P. R. "Computer Virus Reported." Small Computers in Libraries, 8 (May 1988), p. 40.

Madden, James. "Policy Considerations and Day-To-Day Operations." In Public Access Microcomputers in Academic Libraries. Chicago: American LIbrary Association, 1987, pp. 18-31.

Madden, James. "Software Circulation and Patron Support." In Public Access Microcomputers in Academic Libraries. Chicago: American Library Association, 1987, pp. 89-103.

Marmion, Dan. "Public Domain and Shareware." Small Computers in Libraries, 7 (Dec. 1987), pp. 4+.

Marshall, E. "Worm Invades Computer Networks." Science, 242 (Nov 1988), pp. 855-856.

Marshall, E. "The Worm's Aftermath." Science, 242 (Nov. 1988), pp. 1121-1122.

Schack, J. A. "Circulating Software: Some Sensible Groundrules." Wilson Library Bulletin, 60 (June 1986), pp. 20-22.

"Software on the Open Seas." Database, 10 (Dec. 1987), pp. 130-131.

Stanek, Debra J. "Videotapes, Computer Programs, and the Library." Information Technologies and Libraries, 5 (March 1986), pp. 42-54.

Talab, R. S. "Back-ups: A Controversial but Necessary Part of Software Collections." Small Computers in Libraries, 7 (March 1987), pp. 36-37+.

Talab, R. S. "A Software Lending Collection." Library Software Review, 6 (July-Aug. 1987), pp. 196-197.

Walch, David B. "The Circulation of Microcomputer Software in Academic Libraries and Copyright Implications." Journal of Academic Librarianship, 10 (Nov. 1984), pp. 262-266.

Welsch, Erwin Kurt. "The Computer Virus Menace." Small Computers in Libraries, 8 (June 1988), p. 36.

Bibliography of Published Review and Selection Sources For Optical Disk and Computer Resources

A Brief Selected Bibliography
Prepared for the ALA ACRL Education and Behavioral Sciences Section/RASD Machine Assisted Reference Section Annual Conference Program
Monday, June 26, 1989, Dallas, Texas
by Kim Banks, member.

Directories

1. Directory of Automated Library Systems. Edited by Joseph P. Matthews. Neal Schuman Publishers, Inc. New York, NY. 1985- . Annual.

2. A Directory of Library and Information Retrieval Software for Microcomputers. By H. Dyer and A. Brookes. 2nd Edition. Gower. Brookfield, VT, USA. 1986.

3. A Directory of Library and Information Retrieval Software for Microcomputers. Compiled by Hilary Bates. Gower. Brookfield VT, USA. 1985.

4. Directory of Microcomputer Applications in Libraries. Produced by Cooperative Library Agency for Systems and Services (CLASS). San Jose, CA. 1984.

5. Directory of Microcomputer Software for Libraries. By R.A. Walton and N. Taylor. Oryx Press. Phoenix, AZ. 1986.

6. Educational Computer Service's Yellowbook. National Education Association. Garland Press. New York, NY. c1985-. Biennial.

7. The Educational Software Selector: TESS. TESS EPIE Institute. Teachers College Press. New York, NY. 1984- . Annual.

8. Evaluation of Educational Software: A Guide to Guides. Edited by Nancy Baker Jones and Larry Vaughan. SERL. Austin, TX. NEREX. Chelmsford, MA. c1983.

9. International Microcomputer Software Directory. Kept up-to-date by International Software Directory, Vol. 1 Microcomputers. update; and International Software Directory Vol. 2: Minicomputers update. Imprint Software. Los Angeles, CA. c1981.

10. International Inventory of Software Packages in the Information Field. Edited by Carl Keren and Irina Serad. UNESCO Press 1983.

11. The Library MicroConsumer. Edited by Robert M. Mason and Stephen Enniss. Metrics Research Corporation. Cleveland, OH 1986.

12. Library Software: Directory of Microcomputer Software for Libraries. By Robert A. Walton. Library Development Division. Texas State Library. Austin, TX. July 1985.

BEST COPY AVAILABLE

13. Locating Computer Software. By T. Kruse. Garland Publishers. New York, NY. 1985.

14. The Micro Consumer Library Software. Edited by Robert Mason. Metrics Research Corporation. Atlanta, Georgia. 1984.

15. Micro Software Report. Edited by Jeanne M. Nolan, Ph.D. Nolan Information Services. Torrance, CA. 1981- . Annual.

16. Microcomputer Directory: Applications in Educational Settings. Compiled by the staff of Monroe C. Gutman Library. Harvard University, Graduate School of Education. Cambridge, MA. 2nd edition. 1982.

17. Microcomputer Index. Microcomputer Information Services. Santa Clara, CA. c1981- . Bimonthly.

18. Microcomputer Market Place. Dekotek, New York, NY. c1982- . Annual.

19. Microcomputer Software Buyer's Guide. By T Webster and R. Champion. McGraw-Hill Computer Reference Guide Div. 1984. New York, NY.

20. Microcomputers and Libraries a Bibliographic Sourcebook. By Thomas L. Kilpatrick. Scarecrow Press, Inc. Metuchen, NJ. 1987.

21. Microcomputers in Education: a Critical Evaluation of Educational Software. By John Self. Harvestor Press. Brighton, Sussex. 1985.

22. Microcomputing Periodicals: an Annotated Directory. Prepared by George Shirnian. 1st ed. Toronto, Canada. 1974- . Annual.

23. Microsoftware Evaluations. Edited by Jeanne M. Nolan. Nolan Information Services. Torrance, CA. 1984.

24. MicroUse Directory Software. Edited by Ching-chih Chen. MicroUse Information. West Newton, MA. 1984.

25. 1985-86 Directory of Information Management Software for Libraries, Information Centers, Record Centers. Compiled and edited by Pamela Cibanelli and Edward John Kazlavskas. Pacific Information. Studio City, CA. 1985.

26. 1984 Complete Sourcebook of Personal Computing. Bowker: New York, Toronto. Bantam Books: New York. c1983- .

27. 101 Software Packages to Use in Your Library: Descriptions, Evaluations and Practical Advice. By Patrick R. Dewey. American Library Association. Chicago, IL. 1987.

28. PC Telemart Software Directory: Yellow Pages to the World of Microcomputers. PC Telemart, Inc. Fairfax, VA. 1984- . Semiannual.

29. Planning and Evaluating Computer Education Programs. Edited by Randy Elliot Benneth. Merrill Publishing. Columbus, OH. c1987- .

30. Small Computers in Libraries Buyers Guide and Consultant Directory. Compiled by Susan Miles. Meckler Corporation. Westport, CT. 1987.

31. The Software Encyclopedia 1985-86. R.R. Bowker Co.'s Data Services Division. New York, NY. Annual.

32. Text Retrieval: A Directory of Software. Edited by Catherine D. Hamilton and others. Gower. Aldershot, England. 1985.

Journal Articles

1. American Library Association. Reference Books Bulletin Editorial Board. "Microcomputers and software: selected resources." Booklist. 83:691-2. January 1, 1987.

2 Anderson, E.S. "Software's greatest hits." Booklist. 81:661-662, January 1, 1985.

3. Annual Policy Statement [for computer software reviews]. School Library Journal. 31:38. August 85.

4. Askey, J. "Criteria for selecting software." The Microcomputer, the School Librarian and the Teacher. 1987. 101-115.

5. Cargill, J.S. "Paying attention to basics: selecting microcomputer hardware and software." Technicalities 7:8-10, October 1987 and 7:12-14, November 1987.

6. Charmanman, S. "Computer hardware, software and peopleware: selection and maintenance for library applications." The Library in the Information Revolution. International Congress of Southeast Asian Librarians. 1983. 17-22.

7. Fielden, D. "Buying software: a customer survival kit" [paper presented to the AUL conference, 1986]. Aslib Proceedings 38:65-69, Fall 1987.

8. Fredenburg, A.M. and Pugn, W.J. "Help in choosing microcomputer software and hardware - an update". Online 10:38-53, March 1986.

9. Jenkins, K. "Microcomputer software for library management." Ohio Media Spectrum. 36:36-9. Winter 1985.

10. Nash, M.M. "Guide to microcomputer software sources." Canadian Journal of Information Science. 10:25-36, June 1985.

11. Rotenburg, L. "Software reviews". Publisher's Weekly 227:52-53, April 19, 1985.

12. Software Reviews. Information Technology and Libraries. 6:237-40, May 1987. 7:95-8, March 1988.

13. Software Survey Section. Information Processing and Management. 21, no.2:I-II, 1985. 23 no. 3: I-IV, 1987. 24 no. 3: I, 1988.

14. Walla, K. "Ten years of educational computing: a look back, a look forward" [software selection]. Ohio Media Spectrum 39: 9-13. Spring 1987.

15. Williams, D.E. et al. "Software reviews." Technical Services Quarterly. 4:87-99. Fall 1986. 4:89-105. Winter 1986. 4:75-90. Spring 1987. 4:85-107. Summer 1987.

Journals Where Regular Columns Appear

1. Byte. Byte Publishers Inc. Peterborough, NH. 1975-. Monthly.

2. CD-ROM Librarian. Meckler. Westport, CT. c1987- . Bimonthly.

3. CD-ROM Review. CW Communications/Peterborough. Peterborough, NH. 1986- . Bimonthly.

4. Datapro Software News. Datapro Research Corporation. Delran, NJ. 1981- . Monthly.

5. The Digest of Software Reviews: Education. Digest of Software Reviews: Education. Fresno, CA. 1983-. Quarterly.

6. Electronic and Optical Storage Equipment Review. Learned Information. Medford, NJ. c1986- . Quarterly.

7. LITA Newsletter. Library and Information Technology Association (US). Chicago, IL. Winter 1980- . Three per year.

8. The Laserdisk Professional. Pemberton Press. Weston, CT. c1988- . Bimonthly.

9. Library Software Reviews: SR. Meckler Publishers. Westport, CT. 1984- . Bimonthly.

10. Micrographics and Optical Storage Equipment Review. Meckler. Westport, CT. c1986- . Annual.

11. Online. Online Inc. Weston, CT. 1977-. Six per year.

12. Optical Information Systems. Meckler. Westport, CT. c1986- . Bimonthly.

13. Optical Information Systems Update. Meckler. Westport, CT. Semimonthly.

14. PC World. PC World Communications. San Francisco, CA. c1983- . Monthly.

15. Perspectives in Computing. International Business Machines Corporation. Armonk, NY. c1981- . Quarterly.

16. Publisher's Weekly. The International News Magazine of Book Publishing. Bowker Magazine Group, Cahners Magazine Division. New York, NY. 1872- . Weekly.

17. School Library Journal. For children, young adults and school librarians. Bowker Magazine Group, Cahner Magazine Division. New York, NY. 1954- . Monthly.

18. SCOPE: Scholarly Communication: Online Publishing and Education. Queens College. Flushing, NY. 1983- . Bimonthly.

19. Small Computers in Libraries. Graduate Library School, University of Arizona. Tuscon, AZ. April 1981- . Monthly.

EVALUATION

SELECTING, EVALUATING AND CREATING POLICIES FOR COMPUTER-BASED RESOURCES IN THE BEHAVIORAL SCIENCES AND EDUCATION

ALA ACRL Education and Behavioral Sciences Section/RASD Machine Assisted Reference Section Annual Conference Program

The sponsoring committees are eager to have your opinion of this presentation. Please take a minute or two to complete this form and return to a committee member as you leave. Thanks for your input.

INSTRUCTIONS: Please rate the following aspects of this program on the scale provided. If you are interested in more information about EBSS or MARS, we welcome you to complete the bottom part of the form, detach it, and return it to a committee member.

	Poor		Adequate/ Average		Excellent
1. Relevancy of topic	1	2	3	4	5
2. Coverage of issues	1	2	3	4	5
3. Value of information for my work	1	2	3	4	5
4. Overall quality of presentation	1	2	3	4	5

SPEAKERS

1. Speaker No. 1	1	2	3	4	5
2. Speaker No. 2	1	2	3	4	5
3. Speaker No. 3	1	2	3	4	5

The most useful part of the program was_____

The least useful part of the program was_____

_____ YES! I am interested in membership in/learning more about ACRL EBSS

_____ YES! I am interested in membership in/learning more about RASD MARS

Name_____ Institution_____

Mailing Address_____